

FIG.1



ARRANGEMENT OF DOMAINS WITHIN THE 6-MSAS GENE.

FIG.3

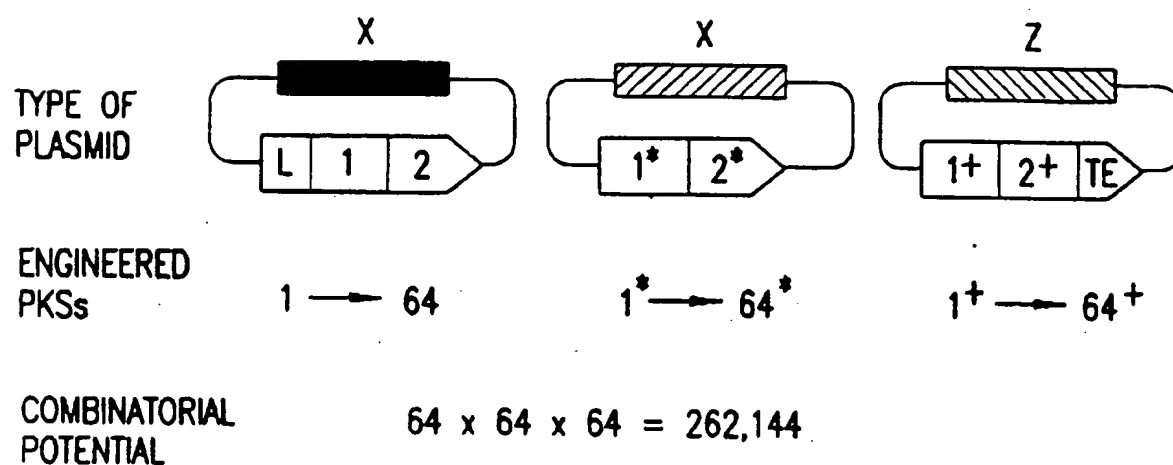


FIG.4

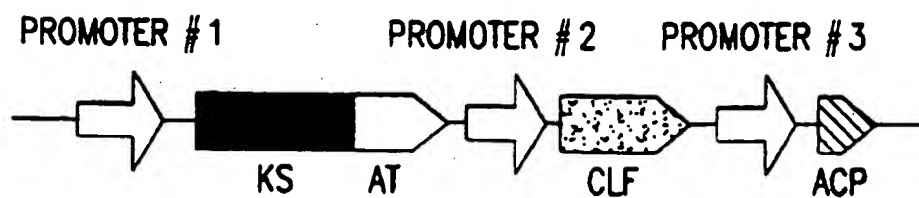


FIG.5

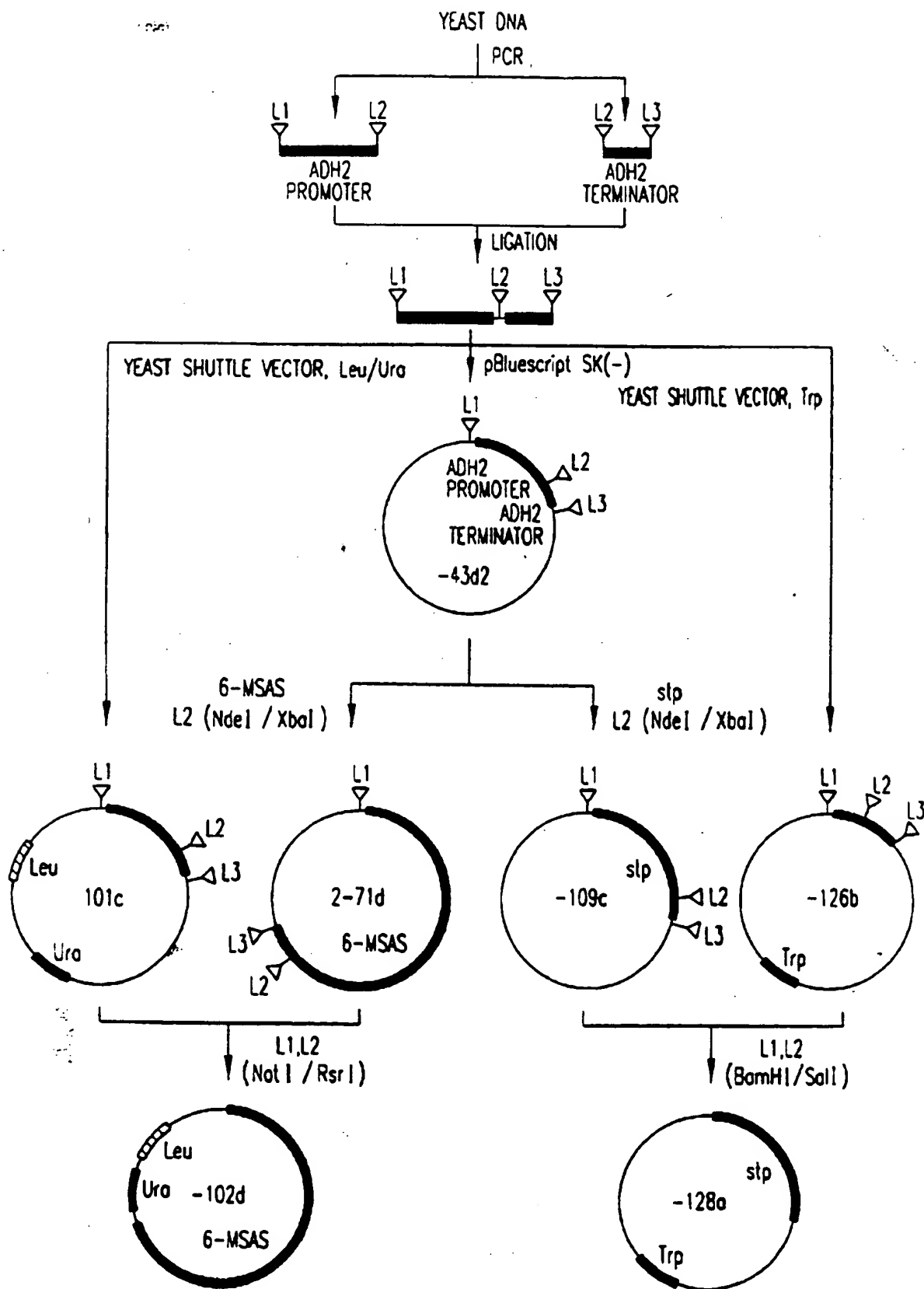


FIG.6

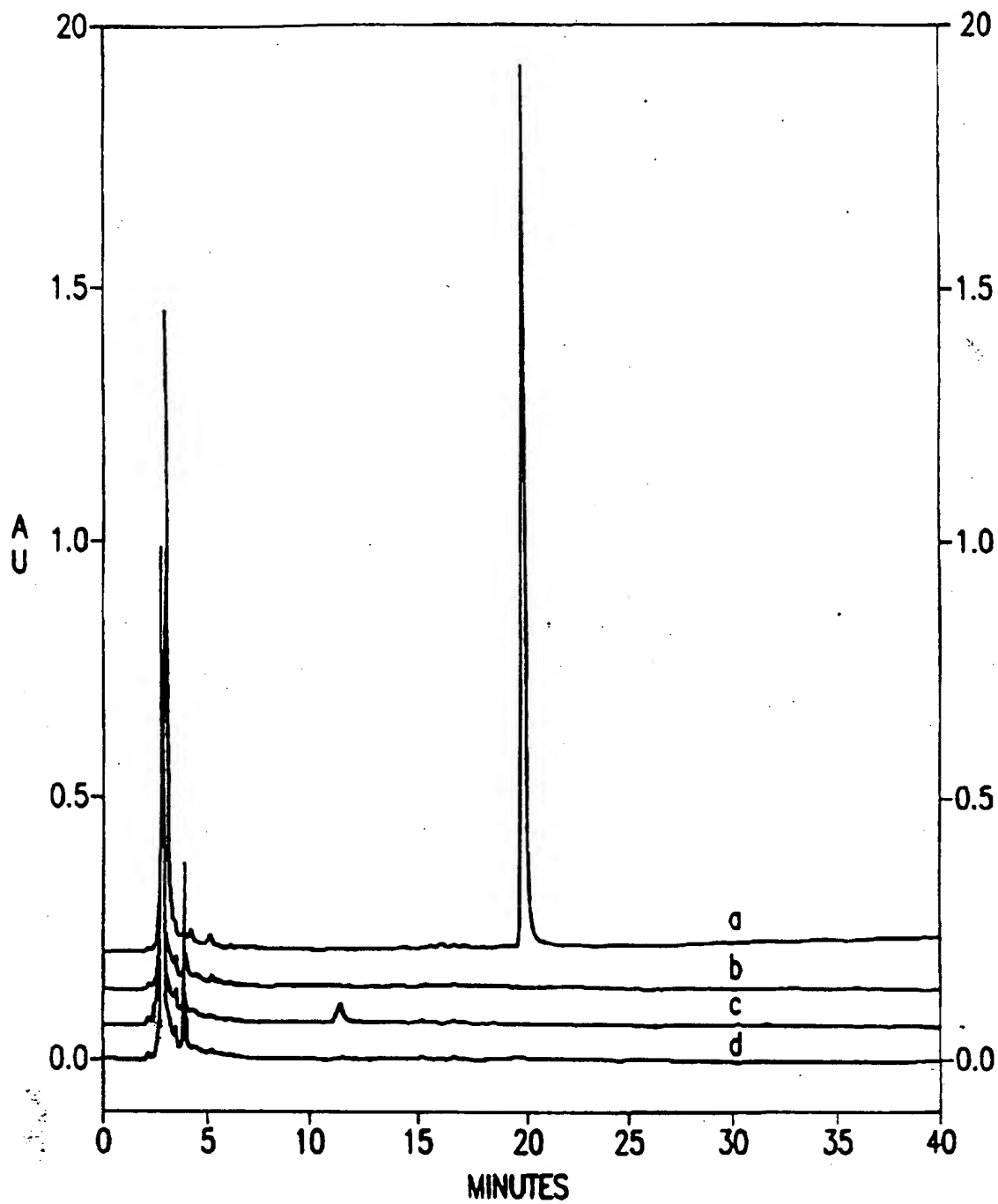


FIG.7

OD600 & 6-MSA PRODUCTION

TIME (HOUR)

■ OD600
◆ GRAM/L

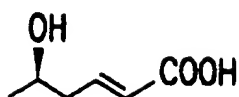
GLUCOSE DEPLETED

Time (Hour)	OD600	6-MSA Production (GRAM/L)
0	0.1	0.001
10	2.5	0.001
20	6.0	0.001
25	7.0	0.01
30	7.5	0.04
40	8.0	0.1
50	8.5	0.4
60	8.5	0.6
90	8.5	0.7
140	8.0	0.7

Figure 1 is a semi-logarithmic plot showing 6-MSA production (GRAM/L) versus TIME (HOUR). The y-axis is logarithmic, ranging from 0.001 to 0.1. The x-axis is linear, ranging from 0 to 40 hours. The curve shows a rapid increase in production, reaching a plateau around 0.08 GRAM/L after approximately 15 hours.

TIME (HOUR)	6-MSA PRODUCTION (GRAM/L)
2	0.003
4	0.009
5	0.014
6	0.020
7	0.025
8	0.032
9	0.038
10	0.045
11	0.052
12	0.058
13	0.062
14	0.065
15	0.068
16	0.070
18	0.072
20	0.074
25	0.076
30	0.078

FIG. 8B

[illegible]

ADH2 PROMOTER

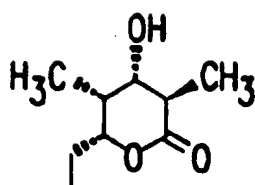
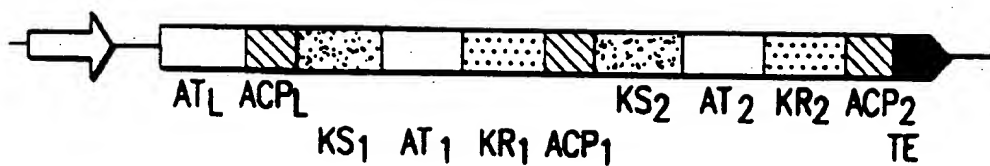


FIG.9